Early Journal Content on JSTOR, Free to Anyone in the World

This article is one of nearly 500,000 scholarly works digitized and made freely available to everyone in the world by JSTOR.

Known as the Early Journal Content, this set of works include research articles, news, letters, and other writings published in more than 200 of the oldest leading academic journals. The works date from the mid-seventeenth to the early twentieth centuries.

We encourage people to read and share the Early Journal Content openly and to tell others that this resource exists. People may post this content online or redistribute in any way for non-commercial purposes.

Read more about Early Journal Content at http://about.jstor.org/participate-jstor/individuals/early-journal-content.

JSTOR is a digital library of academic journals, books, and primary source objects. JSTOR helps people discover, use, and build upon a wide range of content through a powerful research and teaching platform, and preserves this content for future generations. JSTOR is part of ITHAKA, a not-for-profit organization that also includes Ithaka S+R and Portico. For more information about JSTOR, please contact support@jstor.org.

2737. Proposed by C. N. SCHMALL, New York City.

Employing Maclaurin's theorem, or otherwise, expand the following three functions (1) $e^{\tan^{-1} x}$ as far as x^6; (2) $e^{\sin x}$ as far as x^8; and (3) $\tan x$ as far as x^9.

The solution of this problem published in our issue for September was incorrectly ascribed to Elmer Latshaw; it was by G. A. OSBORNE, professor emeritus of the Massachusetts Institute of Technology—EDITORS.

NOTES AND NEWS.

EDITED BY E. J. MOULTON, Northwestern University, Evanston, Ill.

Mr. H. E. WOLFE has been appointed assistant professor of mathematics in Indiana University.

Dr. L. S. SHIVELY, who has been professor of mathematics in Mount Morris College, is now president of the college.

T. W. JACKSON, formerly principal of the high school in Fulton, Missouri, has been made head of the department of mathematics in Jamestown College.

H. L. OLSON has been elected to an instructorship in mathematics in the University of Wisconsin.

W. H. SHERK has been appointed professor of mathematics in the University of Buffalo.

Mr. NORMAN ANNING, recently discharged from the Canadian railway troops after service in France, has been appointed instructor in mathematics at the University of Maine.

Dr. H. C. GOSSARD, formerly instructor in the U. S. Naval Academy, has been made assistant professor of mathematics at the University of Oklahoma.

DR. H. C. WOLFF, formerly assistant professor of mathematics at the University of Wisconsin, has accepted an appointment as head of the department of mathematics at the Drexel Institute.

At Washington University, Professor GEORGE O. JAMES has been made head of the department of mathematics and Dr. J. R. MUSSELMAN, formerly of the University of Illinois, has accepted a position as instructor in mathematics.

Assistant professor GLENN JAMES, of Purdue University, has resigned to accept a similar position in the mathematics department at the Carnegie Institute of Technology.

The following men have been appointed instructors in mathematics at Purdue University: Messrs. R. S. UNDERWOOD, G. D. JAMES, F. H. HODGE and T. E. RAIFORD.

Dr. T. McN. SIMPSON has returned from Y. M. C. A. service in France and has been appointed professor of mathematics in his *alma mater*, Randolph-Macon College.

Mr. J. A. CAPARO, professor of electrical engineering and physics at the University of Notre Dame, received the A.M. degree in mathematics at the University of Chicago at the September convocation.

Mr. ELBERT ALLEN, formerly of the University of Chicago High School, has been appointed instructor in mathematics at the University of Missouri.

Dr. S. CHAPMAN, chief assistant at Greenwich Observatory, has been appointed professor of mathematics at the University of Manchester.

Professor W. H. YOUNG, formerly of the University of Liverpool, has been appointed professor of mathematics in the University College of Wales.

At Princeton, Professor PIERRE BOUTROUX and Assistant professor J. H. M. WEDDERBURN have returned after five years of absence in the French and British war service respectively.

Lieutenant F. L. CARMICHAEL, associate professor of mathematics at the University of Alabama, was in charge of range table calculations in the Ordnance Department at Washington during the past summer.

At the University of Illinois, Assistant Professor ARNOLD EMCH has been promoted to an associate professorship of mathematics and Mr. E. H. VANCE has been appointed instructor in mathematics.

Corrigenda: It should have been stated (*1919*, 419) that the value of the Querini-Stampalia prize was 3,000 *lire*—Mr. H. L. SMITH, of Cornell University, is instructor in mathematics at the University of Wisconsin and not as previously noted (1919, 322)—While it is true that Professor L. L. SILVERMAN resigned to enter a banking house in Boston (*1919*, 418) he later decided to remain at Dartmouth College.

THE WORK OF THE NATIONAL COMMITTEE ON MATHEMATICAL REQUIREMENTS, NOVEMBER, 1919.

Following a previous statement regarding the work of the National Committee on Mathematical Requirements (*1919*, 439), the following items may be of interest.

A preliminary report on "The Reorganization of Introductory Courses in Mathematics in Secondary Schools" was issued towards the end of November.

This report has been prepared by a representative sub-committee. It has not as yet been considered by the National Committee but its publication as a basis for discussion by teachers, organizations, committees, and local groups has been authorized.

A report on "The Valid Aims and Purposes of the Teaching of Mathematics in the Light of Recent Criticisms" will, it is hoped, be ready for distribution by January. In it an attempt will be made to state precisely and succinctly the mathematical training that every citizen should secure. The findings of this report can then be made a basis for the determination of precisely what and how much mathematics should be required of all students.

An extended investigation of "Experimental Schools and Courses" is being undertaken for the Committee by Mr. Raleigh Schorling of the Lincoln School. Detailed plans for this investigation were approved by the National Committee at its last meeting in New York City on November 1st.

Mr. J. A. Foberg is preparing a report on "Mathematics in Junior High Schools."

Professor A. R. Crathorne has recently submitted a report giving the results of his investigation of "Change of Mind Between High School and College as to Life Work." A summary of these results will be published in *School and Society* in the very near future. Professor Crathorne is still at work on an extended investigation entitled "A Critical Study of the Correlation Method as Applied to Grades."

A statement of general principles to govern the proposed revision of college entrance requirements has been tentatively approved by the Committee. This statement has been sent out to some 50 representative colleges and universities for their criticism and comment.

The Committee has sent letters to all teachers organizations having mathematical interests, of which it has been able to learn, asking their coöperation and offering the assistance of the Committee. The response has been very enthusiastic. A considerable number have already appointed committees to receive reports from the National Committee for study and criticism. The plans of the National Committee have been, or will be, presented to 22 such organizations during the months of October to December in the following states: Indiana, Illinois, Iowa, Kentucky, Massachusetts, Missouri, New Jersey, New York, North Carolina, North Dakota, Ohio, Oklahoma, Pennsylvania, Rhode Island, Texas, West Virginia and Wisconsin. Little has yet been done with reference to the promotion of new organizations. It was felt that this Committee should wait until it had definite material on hand for distribution before taking up this phase of its work. The formation of mathematical clubs in several of the larger cities, where they did not exist before, is, however, under way and material regarding the formation of such clubs is in hand. Any individuals interested in the formation of a mathematical club may secure this material by addressing the Chairman of the Committee (J. W. Young, Hanover, New Hampshire).